

# **Formation and implementation implementation of comprehensive science-intensive informational system of an enterprise**

Sarkin A., Bagautdinova N., Averianov B.

*Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia*

---

## **Abstract**

The paper explains methodological approach to the formation and implementation of the comprehensive informational system of a science-driven enterprise based on the consideration of the interrelation of technological basis development levels, business processes and levels of informational technologies (IT) development. The analysis of the developed model shows that the efficiency of active changing of suppliers lineup increases if a relative range of suppliers offer prices oscillation and their characteristic period increase. © IDOSI Publications, 2013.

<http://dx.doi.org/10.5829/idosi.wasj.2013.27.emf.42>

---

## **Keywords**

Adaptive management, Business processes, Comprehensive informational system, Informational technologies, Manufacturing enterprise, Science-intensive manufacture, Technological basis